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**RBE350A94-2704-00**  
**Job Sheet 193188**



**Part No:** RBE350A94-2704-00

**Job Qty:** 16 pcs

**Part Name:** Pedals Locking Tool



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 4/9/19

**Job Tracking No:**

**Due Date:** 5/6/19

**Created By:** Marie Lajeunesse

**Type:** SOLD

**Description:**

**Note:** DWG RBE350A94-2704-00 Rev C IPP Rev A 18.01.22 New issue DP Verify DD

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation                   | Qty    | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off          |
|-------|-----------------------------|--------|------------|----------|-----------|---------|-----------------------|-----------|-------------------|
|       |                             |        |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                   |
| 100   | Small Fab - 1               | 16 pcs | 5/6/19     | 5/6/19   | 0.08      | 0.64    | Small Fab - 1         |           | MLC               |
|       |                             |        |            |          |           |         | Small Fab - 2         |           |                   |
|       |                             |        |            |          |           |         | Small Fab - 3         |           |                   |
|       |                             |        |            |          |           |         | Small Fab - 4         |           |                   |
|       |                             |        |            |          |           |         | Small Fab - 5         |           |                   |
|       |                             |        |            |          |           |         | Small Fab - 6         |           |                   |
|       |                             |        |            |          |           |         | Small Fab - 7         |           |                   |
| 110   | QC 5                        | 16 pcs | 5/6/19     | 5/6/19   | 0.00      | 0.00    | QC 5 - 10             |           | DAS<br>40<br>9-89 |
|       |                             |        |            |          |           |         | QC 5 - 12             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 17             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 18             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 19             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 22             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 24             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 3              |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 43             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 49             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 51             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 58             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 68             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 9              |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 50             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 30             |           |                   |
|       |                             |        |            |          |           |         | QC 5 - 40             |           |                   |
| 130   | Packaging 3-1 - Stock - B4B | 16 pcs | 5/6/19     | 5/6/19   | 0.00      | 0.00    | Packaging 3 - 1 - B4B |           |                   |
|       |                             |        |            |          |           |         | Packaging 3 - 2 - B4B |           |                   |
|       |                             |        |            |          |           |         | Packaging 3 - 3 - B4B |           |                   |
|       |                             |        |            |          |           |         | Packaging 3 - 4 - B4B |           |                   |
|       |                             |        |            |          |           |         | Packaging 3 - 5 - B4B |           |                   |
|       |                             |        |            |          |           |         | Packaging 3 - 6 - B4B |           |                   |
|       |                             |        |            |          |           |         | Packaging 3 - 7 - B4B |           |                   |



**Container No:** S186633



**Part:** RBE350A94-2704-00

**Job No:** 193188

**Serial No/Batch:** S186633

**Revision:** C

**Inspector:**

**Exp Date:**

**Instructions:**

Date: 06/03/19

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|  |  |  |  |  |                        |        |        |           |                 |             |
|--|--|--|--|--|------------------------|--------|--------|-----------|-----------------|-------------|
|  |  |  |  |  | Packaging 3 - 8 - B4B  |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 9 - B4B  |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 10 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 11 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 12 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 13 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 14 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 15 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 16 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 17 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 18 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 19 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 20 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 21 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 22 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 23 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 24 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 25 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 26 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 27 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 28 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 29 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 30 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 31 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 32 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 33 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 34 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 35 - B4B |        |        |           |                 |             |
|  |  |  |  |  | Packaging 3 - 36 - B4B | Dara   |        |           |                 |             |
|  |  |  |  |  | 140 QC 21 - FG         | 16 pcs | 5/6/19 | 0.00 0.00 | QC 21 - FG - 21 | DAS         |
|  |  |  |  |  |                        |        |        |           | QC 21 - FG - 70 | 21          |
|  |  |  |  |  |                        |        |        |           | QC 21 - SA - 53 | 3-89        |
|  |  |  |  |  |                        |        |        |           |                 | JUN 05 2019 |

GA 141A

JUN 05 2019

Part Op 100 - (Small Fab) Assemble as per DWG sheet 1  
 Descriptions: 110 - (QC5- Inspect part completeness to step on W/O)  
 130 - (Identify as per dwg & Stock Location: \_\_\_\_\_) Bag and tag  
 140 - (QC21- Final Inspection - Work Order Release)

## Job BOM

| Part / Item               | Component Name      | Quantity      | Operation         | Container              |
|---------------------------|---------------------|---------------|-------------------|------------------------|
| 66 90866A030              | Wing Nut 5/16" - 18 | 16 Ea (1 ea)  | 100-Small Fab - 1 | 5036845                |
| 67 91102A755              | Split Lock Washer   | 16 Ea (1 ea)  | 100-Small Fab - 1 | 5036844                |
| 68 91247A593              | Hex Head Cap Screw  | 16 Ea (1 ea)  | 100-Small Fab - 1 | 10x 5036843 4x 5093341 |
| 141B RBE350A94-2704-00-01 | Plate               | 32 pcs (2 ea) | 100-Small Fab - 1 | 22x 5148590            |

2x 5172650

010132

## Job Allocations

| Operation         | Component Part       | Required | Inventory | Allocated |
|-------------------|----------------------|----------|-----------|-----------|
| 100-Small Fab - 1 | 90866A030            | 16       | 31        | 0         |
|                   | 91102A755            | 16       | 66        | 0         |
|                   | 91247A593            | 16       | 14        | 0         |
|                   | RBE350A94-2704-00-01 | 32       | 44        | 0         |

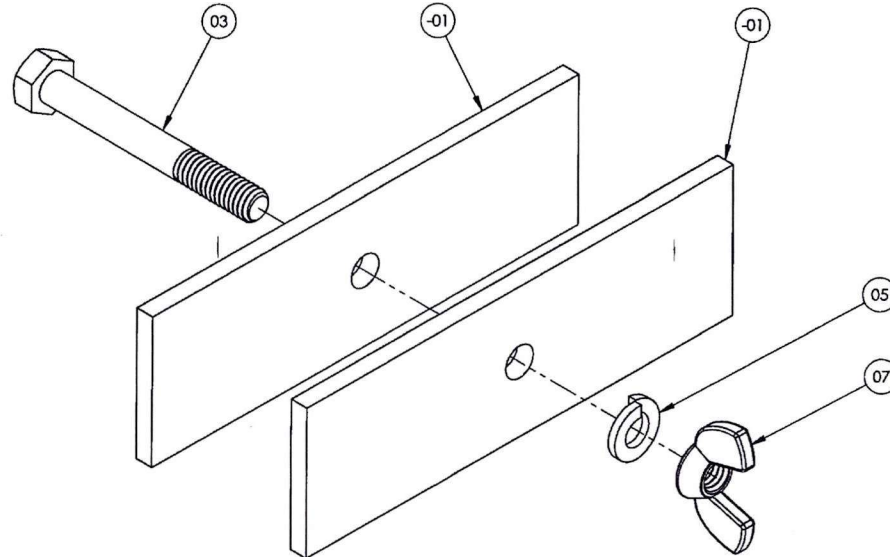
## Part Specifications

Specifications could not be found.

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| ITEM # | QTY | PART #               | TITLE                               |
|--------|-----|----------------------|-------------------------------------|
| -01    | 2   | RBE350A94-2704-00-01 | PLATE                               |
| 03     | 1   | McMaster#91247A593   | HEX HEAD BOLT 5/16"-18 x 2-1/2" LG. |
| 05     | 1   | McMaster#91102A755   | LOCK WASHER 5/16"                   |
| 07     | 1   | McMaster#90866A030   | WING NUT 5/16"-18                   |

| REV. | DESCRIPTION                                                                                                                    | ECN #   | DATE       | BY  | APPROVED |
|------|--------------------------------------------------------------------------------------------------------------------------------|---------|------------|-----|----------|
| 1    | DESIGNED PER HELI PRODUCTS TOOL.                                                                                               | -       | 9/9/2009   | WP  | DW       |
| 1A   | ADDED MCMASTER-CARR NUMBERS FOR -03 THRU -07.                                                                                  | -       | 12/15/2010 | RJC | RW       |
| 1B   | CH'D T/N AND NAME WAS RBEA94-2704-00 LOCKING TOOL, PEDALS IS RBE350A94-2704-00 JAMMING TOOL, PEDALS.                           | -       | 11/14/2013 | RJC | RW       |
| 2    | UPDATED TO NEW DRAFTING STANDARDS. -01 ADDED MAT'L OPTION WAS 1018 IS A36/1018/1020. CHD TOLERANCE ON NON-CRITICAL DIMENSIONS. | 15-0142 | 6/12/2015  | DPD | JAG      |
| C    | TEMPLATE UPDATED                                                                                                               | 17-806  | 18.1.2     | VM  | ML       |



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SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 193188 MLJ  
19-04-09

RBE350A94-2704-00 PEDALS LOCKING TOOL

- NOTES:  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) SPEC: N/A  
5) BREAK ALL SHARP EDGES: N/A  
6) IDENTIFICATION: N/A

|                                                                                                                                                                                                                                |                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>DART AEROSPACE</b><br>Hawkesbury, Ontario, Canada                                                                                                                                                                           |                                                          |
| TITLE<br><b>PEDALS LOCKING TOOL</b>                                                                                                                                                                                            |                                                          |
| PART NO.<br><b>RBE350A94-2704-00</b>                                                                                                                                                                                           | REV<br><b>C</b>                                          |
| TOOL NO.<br><b>RBE350A94-2704-00</b>                                                                                                                                                                                           |                                                          |
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES<br>INTERPRET PER ASME Y14.5M-2009<br>DIMENSIONS APPLY AFTER FINISHING                                                                                                  |                                                          |
| DESIGNED BY: VM 18/01/02                                                                                                                                                                                                       | TOLERANCES:<br>XXX ±.005<br>XX ±.01<br>X ±.1             |
| DRAWN BY: VM 01/02/2018                                                                                                                                                                                                        | FRACTIONS: 1/8<br>ANGLES: 1/2°<br>SURFACE:<br>ROUGHNESS: |
| CHECKED BY: VM 01/02/2018                                                                                                                                                                                                      |                                                          |
| INFO REVIEW BY: DD 01/03/2018                                                                                                                                                                                                  |                                                          |
| APPROVED BY: ML 01/03/2018                                                                                                                                                                                                     | SCALE: NTS                                               |
| SHEET 1 OF 2                                                                                                                                                                                                                   |                                                          |
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Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | MRB (QS1042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | QC / QA Coordinator    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Preservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |